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(54) Title: FERMENTATIVE PRODUCTION OF VALUABLE COMPOUNDS ON AN INDUSTRIAL SCALE USING CHEMICALLY (57) Abstract (57) Abstract The present invention describes the use of chemically defined media for the fermentative production of valuable compounds on an industrial scale using a chemically defined medium include industrial scale. Microbial strains which are suitable for fermentation on an industrial scale using a chemically defined medium include industrial scale. Microbial strains which are suitable for fermentation on an industrial scale using a chemically defined medium include industrial scale. Microbial strains. Suitable strains can be obtained as wild type strains or by screening and selection after mutagenic fungal, yeast and bacterial strains. Suitable strains can be obtained as wild type strains or by screening and selection after mutagenic treatment or DNA transformation.				